



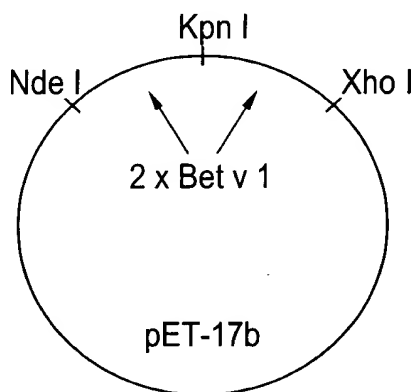
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CONSTRUCTION OF THE BET V 1 POLYMERS

Bet v 1-Dimer

ATG.....AAC TTG GTA CCG ATG.....ACC TAA

Met Asn Leu Val Pro Met Asn End
Bet v 1 Bet v 1



Bet v 1-Trimer

ATG.....AAC TTG GTA CCG ATG.....AAC CCA CTA GTA ATG.....AAC

Met Asn Leu Val Pro Met Asn Pro Leu Val Met Asn
Bet v 1 Bet v 1 Bet v 1

GGA TTC TGC AGA TAT CCA TCA CAC TGG CGG CCG CTC GAG CAG ATC
Glu Phe Cys Arg Tyr Pro Ser His Trp Arg Pro Leu Glu Gln Ile
CGG CTG CTA ACA AAG CCC GAA AGG AGG CTG AGT TGG CTG CTG CCA
Arg Leu Leu Thr Lys Pro Glu Arg Lys Leu Ser Trp Leu Leu Pro

CCG CTG AGC AAT AAC TAG
Pro Leu Ser Asn Asn End

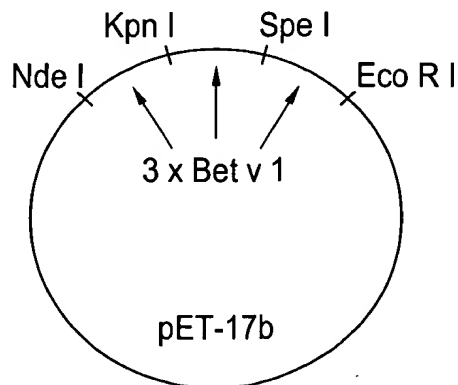


FIG. 1A

Bet v 1-Tetramer

ATG.....AAC TTG GTA CCG ATG.....AAC CCA CTA GTA ATG.....AAC
Met.....Asn Leu Val Pro Met.....Asn Pro Leu Val Met.....Asn
 Bet v 1 Bet v 1 Bet v 1

GAA TTC ATG.....AAC TAA
 Glu Phe Met.....Asn End
 Bet v 1

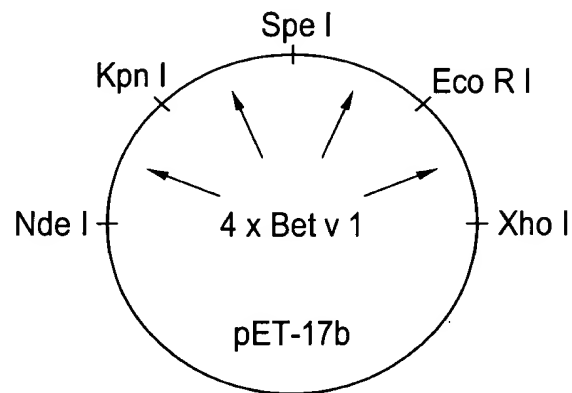


FIG. 1B

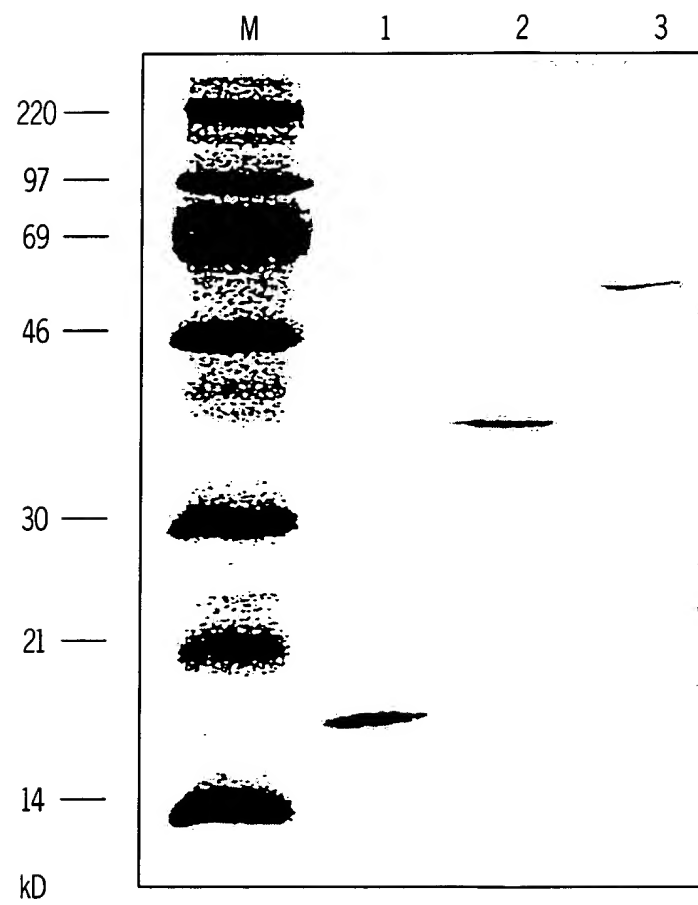


FIG. 2

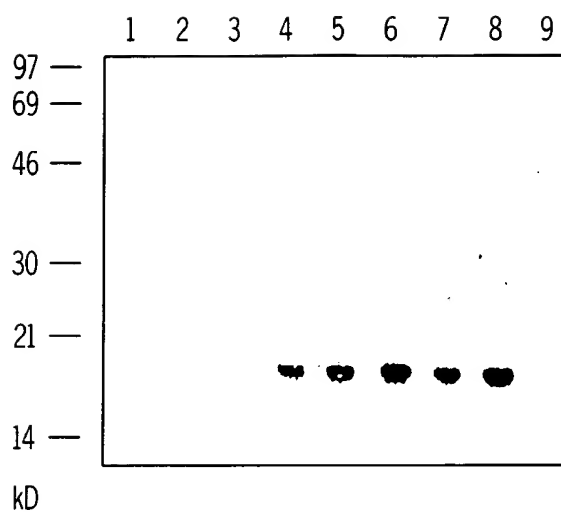


FIG. 3A

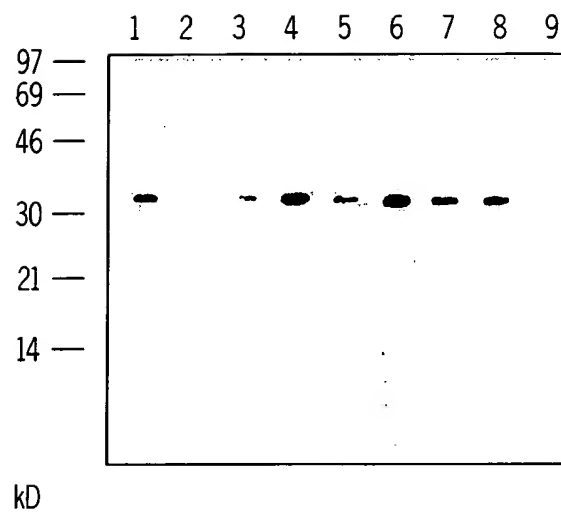


FIG. 3B

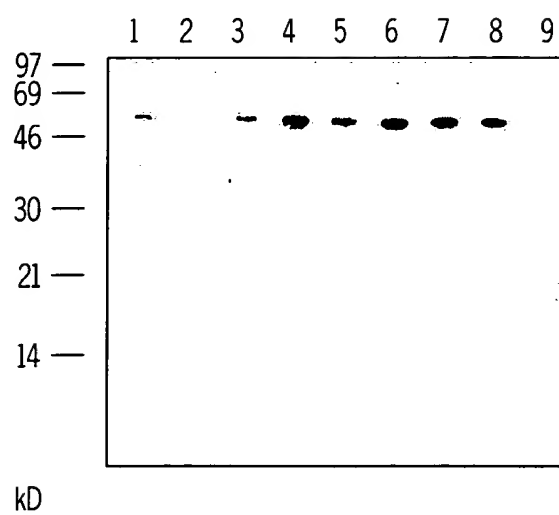


FIG. 3C

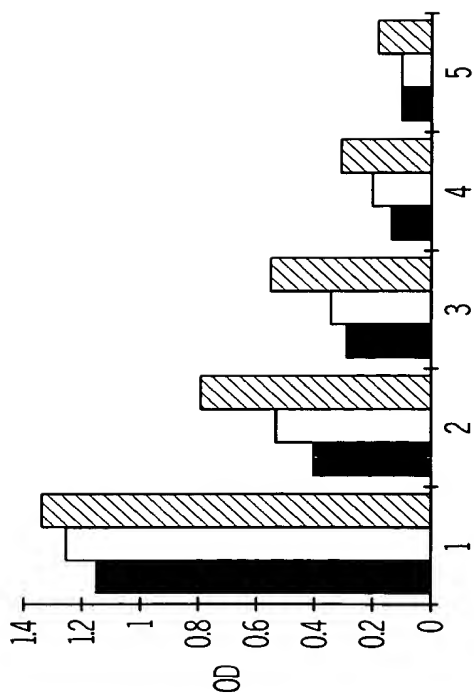


FIG. 4A

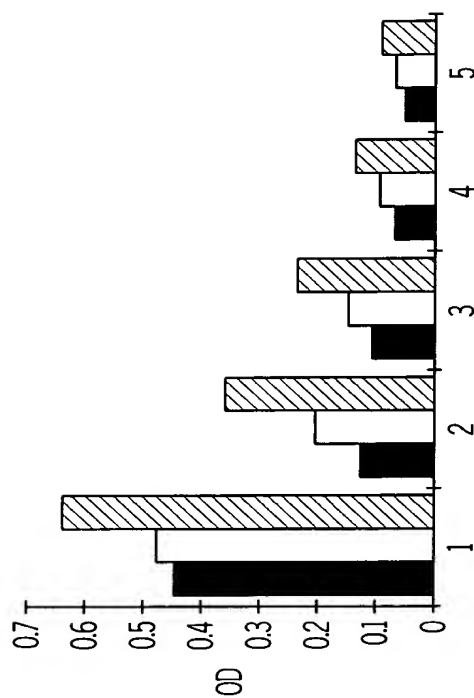


FIG. 4B

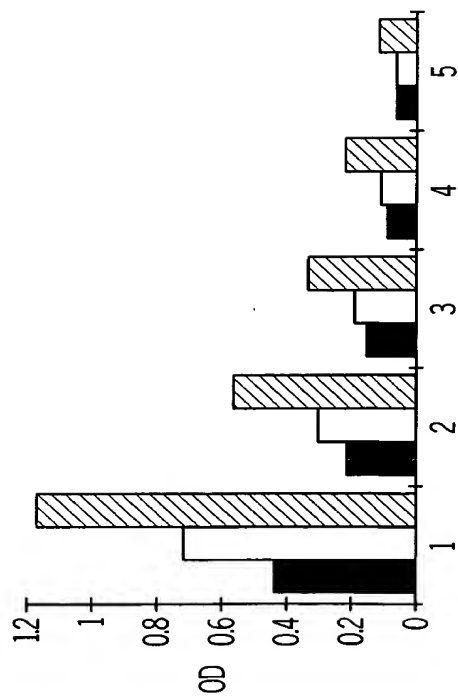


FIG. 4C

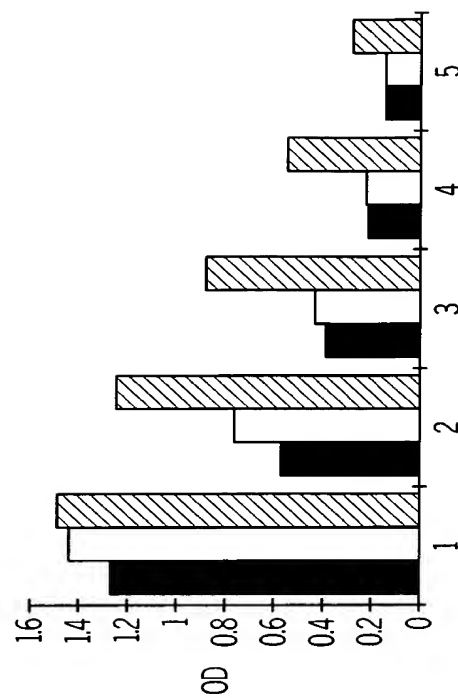
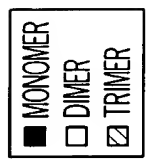


FIG. 4D



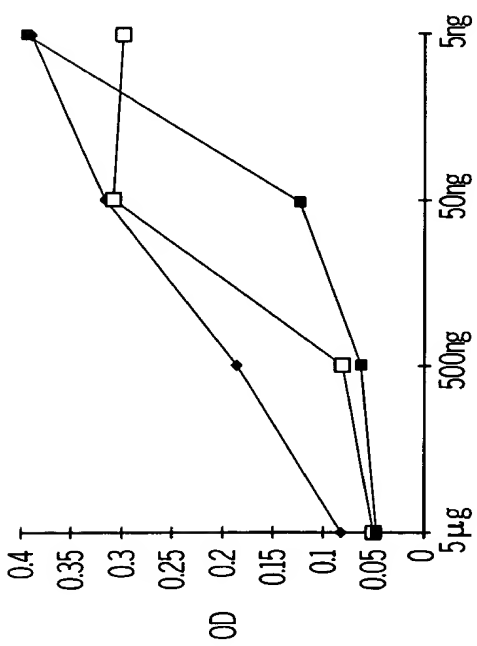


FIG. 5a

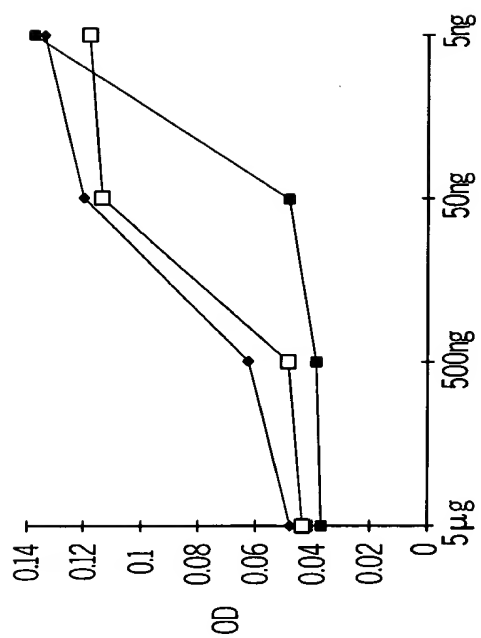


FIG. 5b

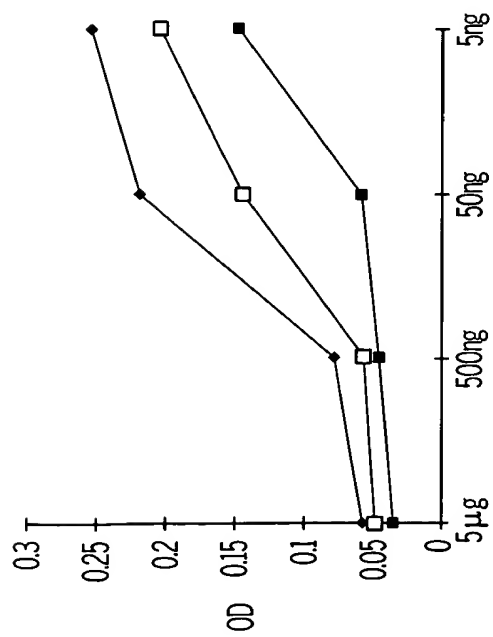


FIG. 5c

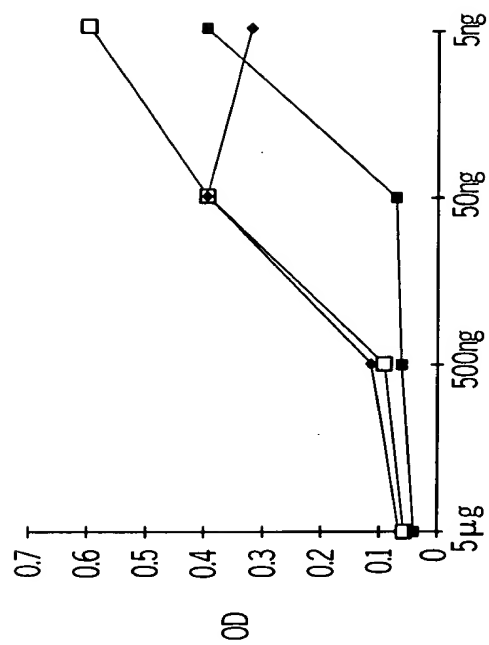
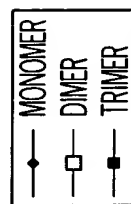


FIG. 5d



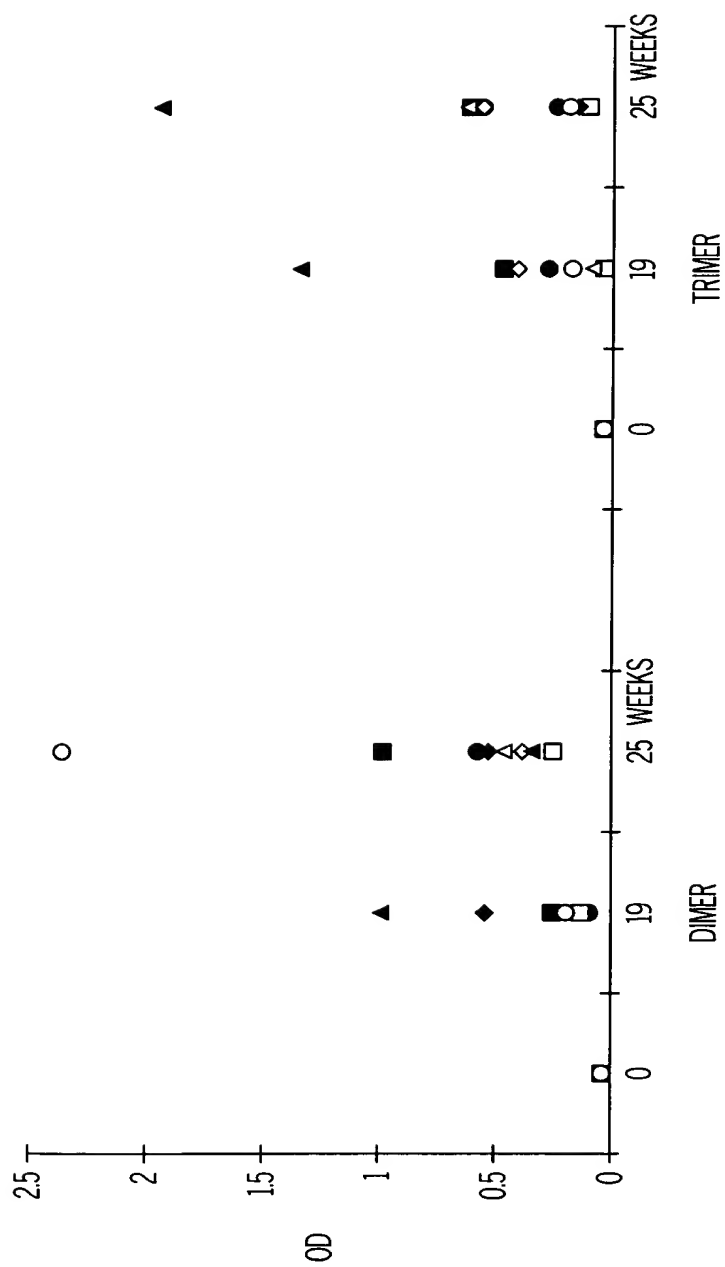


FIG. 6

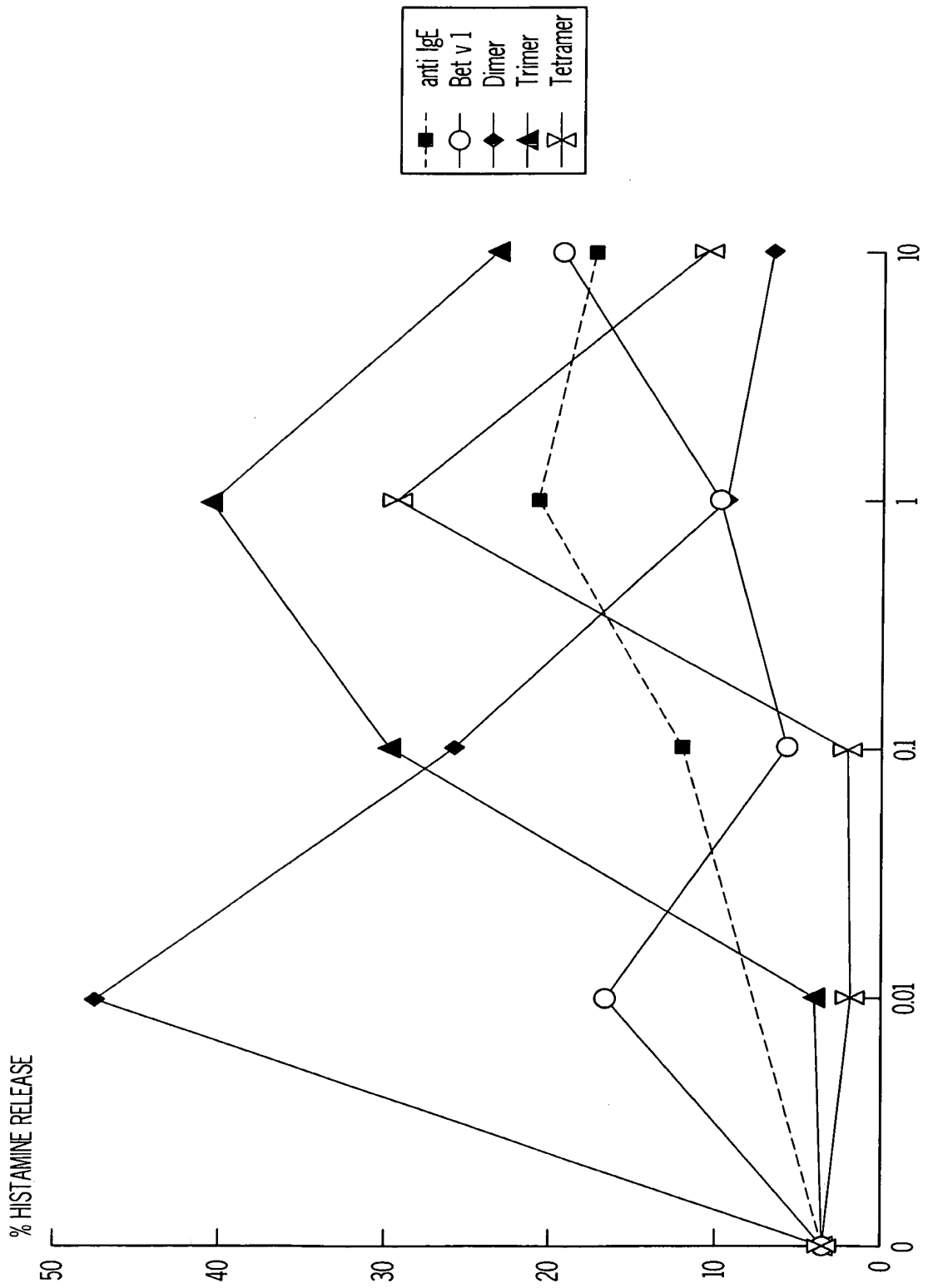


FIG. 7

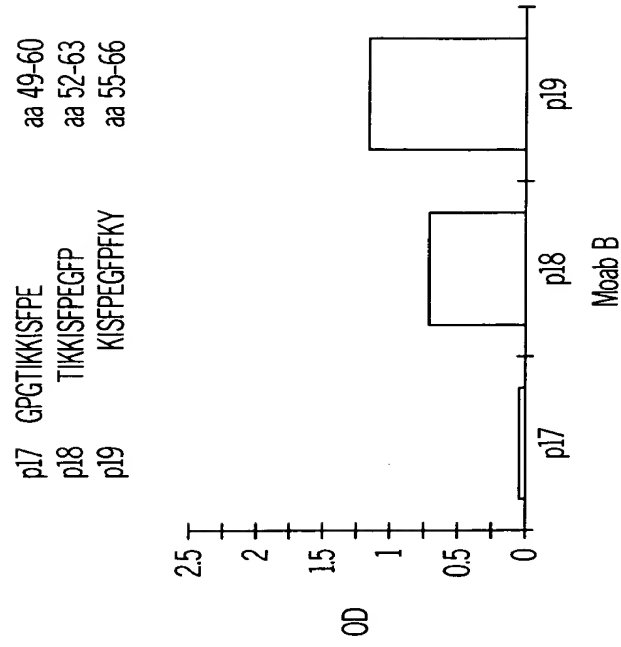


FIG. 8B

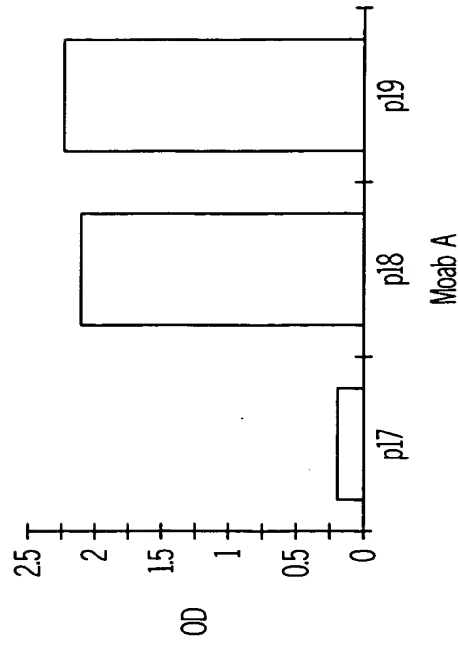


FIG. 8A